



Open Security Controls Assessment Language (OSCAL)

Lunch with the OSCAL Developers

David Waltermire

National Institute of Standards and Technology

Teleconference Overview

- ▶ Ground Rules
- ▶ OSCAL Status Summary (5 minutes)
- ▶ Issues Needing Help from the Community
- ▶ Question and Answer / Discussion
 - ▶ Submitted questions will be discussed
 - ▶ The floor will be open for new questions and live discussion

OSCAL Lunch with the Developers

Purpose:

- Facilitate an open, ongoing dialog with the OSCAL developer and user communities to promote increased use of the OSCAL models

Goals:

- Provide up-to-date status of the OSCAL project development activities
- Answer questions about implementing and using the OSCAL models, and around development of OSCAL model-based content
- Review development priorities and adjust priorities based on community input
- Help the OSCAL community identify development needs

Ground Rules

- ▶ Keep the discussion respectful
 - ▶ Using welcoming and inclusive language
 - ▶ Being respectful of differing viewpoints and experiences
 - ▶ Gracefully accepting constructive criticism
 - ▶ Focusing on what is best for the community
 - ▶ Wait for one speaker to finish before speaking - one speaker at a time
- ▶ Speak from your own experience instead of generalizing ("I" instead of "they," "we," and "you").
- ▶ Do not be afraid to respectfully challenge one another by asking questions -- focus on ideas.
- ▶ The goal is not to always to agree -- it is to gain a deeper understanding.

OSCAL Version 1 Milestones

Milestone	Focus	Sprints	Status	Date
Milestone 1	Catalog and Profile Models	1 to 21	Completed	6/15/2019
Milestone 2	System Security Plan (SSP) Model	6 to 23	Completed	10/1/2019
Milestone 3	Component Definition Model	6 to ~30	Completed	May 2020
Release Candidates	Provide a web-based specification / Model Improvements	24 to ~33	In Progress	~August 2020
Full Release	Based on Community Feedback	34 to 36	Planned	By end of 2020
Ongoing Maintenance	Minor and bugfix releases as needed	Additional Sprints	Planned	Ongoing

Current Sprint: 31 (<https://github.com/usnistgov/OSCAL/projects/30>)

OSCAL v1 Milestone 3 Release

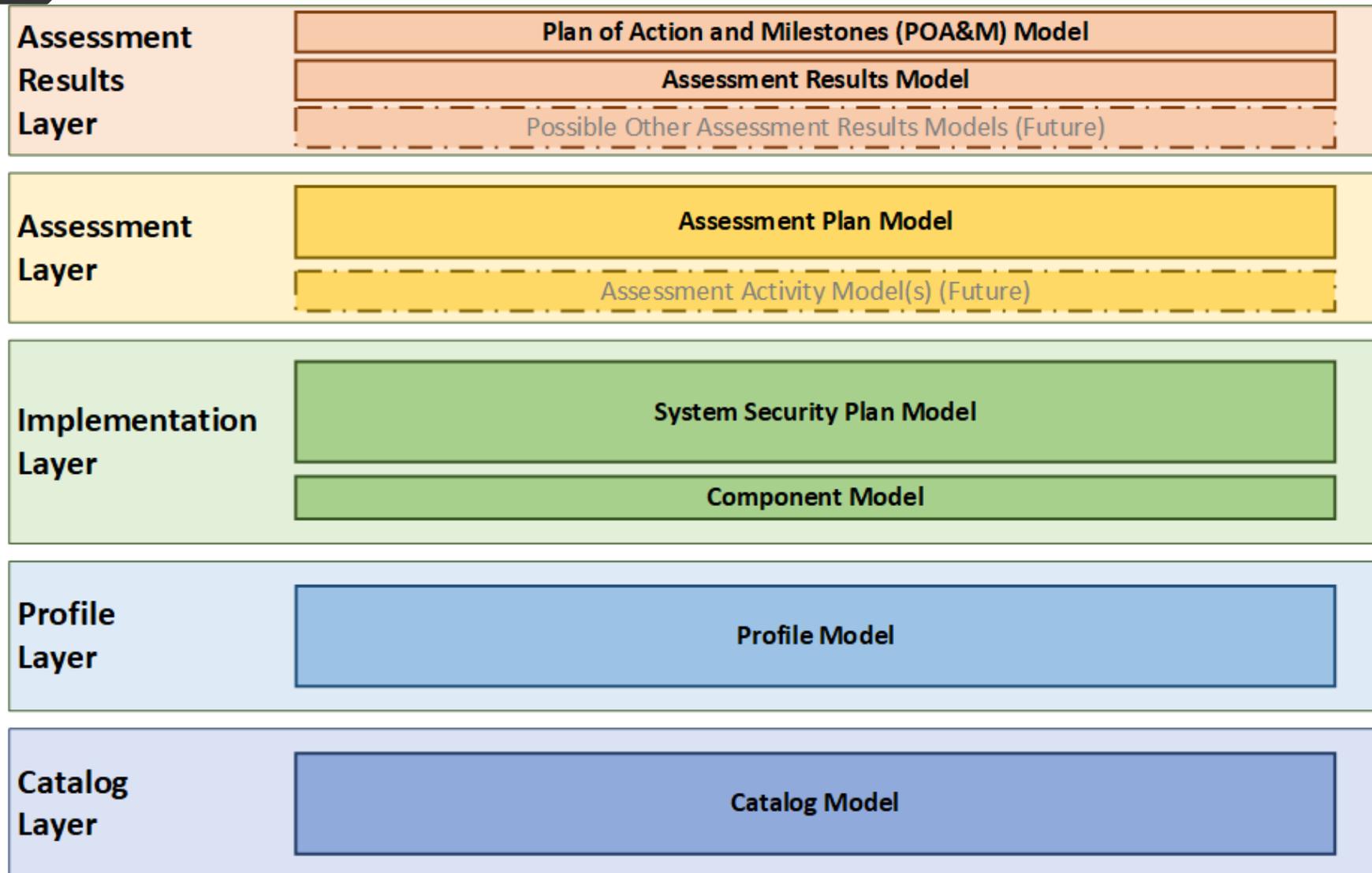
- ▶ A new [component definition model](#), provide a description of the controls supported by a specific implementation of a hardware, software, or service; or by a given policy, process, procedure, or compliance artifact (e.g., FIPS 140-2 validation).
- ▶ Creation of draft models for the [assessment](#) and [assessment result](#) layers. Drafts of the [assessment plan](#), [assessment results](#), and [plan of action and milestones](#) (POA&M) models were created. These drafts were slated for the OSCAL v2 release cycle and are being released early as drafts ahead of schedule.
- ▶ Updated stable versions of the OSCAL [catalog](#), [profile](#), and [system security plan](#) (SSP) models.
- ▶ New OSCAL content in XML, JSON, and YAML formats for the [draft NIST SP 800-53 revision 5 catalog](#).
- ▶ Updated content in OSCAL XML, JSON, and YAML formats for the [NIST SP 800-53 revision 4 catalog](#), and for the three NIST and four [FedRAMP baselines](#).
- ▶ Provides tools to convert OSCAL catalog, profile, and SSP content between OSCAL XML and JSON formats, and to [up convert](#) content from milestone 2 to milestone 3.

The NIST OSCAL team is very thankful for all of the great feedback we have received!

Review of Current/Completed Work

On Github: <https://github.com/usnistgov/OSCAL>

Three New OSCAL Models



POA&M

- Based on FedRAMP POA&M

Assessment Results

- Based on FedRAMP Security Assessment Report (SAR)

Assessment Plan

- Based on FedRAMP Security Assessment Plan (SAP)

Open Floor

What would you like to discuss?

What questions do you have?

Thank you

Next Lunch with Devs:

June 18th, 2020

12:00 Noon EDT (4:00 PM UTC)

OSCAL Repository:

<https://github.com/usnistgov/OSCAL>

Project Website:

<https://www.nist.gov/oscal>

How to Contribute:

<https://pages.nist.gov/OSCAL/contribute/>

Contact Us: oscal@nist.gov